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00862.023367.

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



In re Application of:)
: Examiner: N/Y/A
KATSUHIKO MORI et al.)
: Group Art Unit: 2626
Application No.: 10/539,882)
:
Filed: March 15, 2006)
:
For: PATTERN IDENTIFICATION)
METHOD, DEVICE THEREOF,)
AND PROGRAM THEREOF) July 28, 2006

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 C.F.R. § 1.56, Applicants respectfully direct the Examiner's attention to the documents listed below and on the attached Form PTO-1449. A copy of each document so listed is enclosed.

- (1) EP 1262908
- (2) EP 0784285
- (3) EP 0552770
- (4) JP 2001-202516
- (5) JP 11-250267
- (6) JP 7-220090
- (7) JP 9-251534
- (8) JP 2-767814
- (9) JP 9-44676
- (10) JP 2-973676
- (11) JP 11-283036
- (12) JP 2-573126
- (13) JP 11-15973

- (14) Rowley, H. et al., "Rotation Invariant Neural Network-Based Face Detection", Proc. of Computer Vision and Pattern Recognition, pp. 38-44, 1998
- (15) LeCun et al., "Convolutional Networks for Images Speech, and Time Series" in Handbook of Brain Theory and Neural Networks (M. Arbib, Ed.), MIT Press, pp. 255-258

Documents 1, 2, 4, 5, 14 and 15 were cited during prosecution of a PCT patent application corresponding to the above U.S. application. A copy of the International Search Report is enclosed.

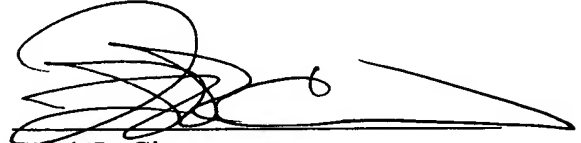
Document 3 is an English-language counterpart of JP 2-973676.

Documents 7 to 11, 14 and 15 were cited in the specification. In this regard, four of the above-listed Japanese references were cited by their publication numbers. They have since issued as patents but English-language abstracts therefor are not available. Accordingly, copies of the following English-language abstracts for their respective published applications are enclosed: JP 1314385 for JP 2-767814, JP 5197793 for JP 2973676, and JP 6076058 for JP 2573126.

Inasmuch as the subject application has not yet received a first Office Action, it is believed that this Information Disclosure Statement is timely. See 37 C.F.R. § 1.97(b)(3). Accordingly, the Examiner is urged to study this information in its entirety and to form an independent determination of the materiality of the information to the claimed invention. Additionally, the Examiner is requested to indicate that this information has been considered by initialing and returning a copy of the attached Form PTO-1449.

Applicants' undersigned attorney may be reached in our Costa Mesa, CA office at (714) 540-8700. All correspondence should continue to be directed to our below-listed address.


Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Frank L. Cire', with a long horizontal flourish extending to the right.

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| FORM PTO 1449 (modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary) | | | | ATTY DOCKET NO. 00862.023367. | | APPLICATION NO. 10/539,882 | |
|  | | | | APPLICANT Katsuhiko Mori et al. | | | |
| | | | | FILING DATE March 15, 2006 | | GROUP 2626 | |
| U.S. PATENT DOCUMENTS | | | | | | | |
| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
| | | | | | | | |
| FOREIGN PATENT DOCUMENTS | | | | | | | |
| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION YES/NO/ OR ABSTRACT |
| | | 1262908 | 12/02 | Europe | | | |
| | | 0784285 | 7/97 | Europe | | | |
| | | 0552770 | 1/93 | Europe | | | |
| | | 2001-202516 | 7/01 | Japan | | | Abstract |
| | | 11-250267 | 9/99 | Japan | | | Abstract |
| | | 7-220090 | 8/95 | Japan | | | Abstract |
| | | 9-251534 | 9/97 | Japan | | | Abstract |
| | | 2-767814 | 4/98 | Japan | | | Abstract |
| | | 9-44676 | 2/97 | Japan | | | Abstract |
| | | 2-973676 | 9/99 | Japan | | | Abstract |
| | | 11-283036 | 10/99 | Japan | | | Abstract |
| | | 2-573126 | 10/96 | Japan | | | Abstract |
| | | 11-15973 | 1/99 | Japan | | | Abstract |
| | | | | | | | |
| OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | | | |
| | | Rowley, H. et al., "Rotation Invariant Neural Network-Based Face Detection", Proc. of Computer Vision and Pattern Recognition, pp. 38-44, 1998 | | | | | |
| | | LeCun et al., "Convolutional Networks for Images Speech, and Time Series" in Handbook of Brain Theory and Neural Networks (M. Arbib, Ed.), MIT Press, pp. 255-258 | | | | | |
| EXAMINER | | | | DATE CONSIDERED | | | |

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Sheet 1 of 1